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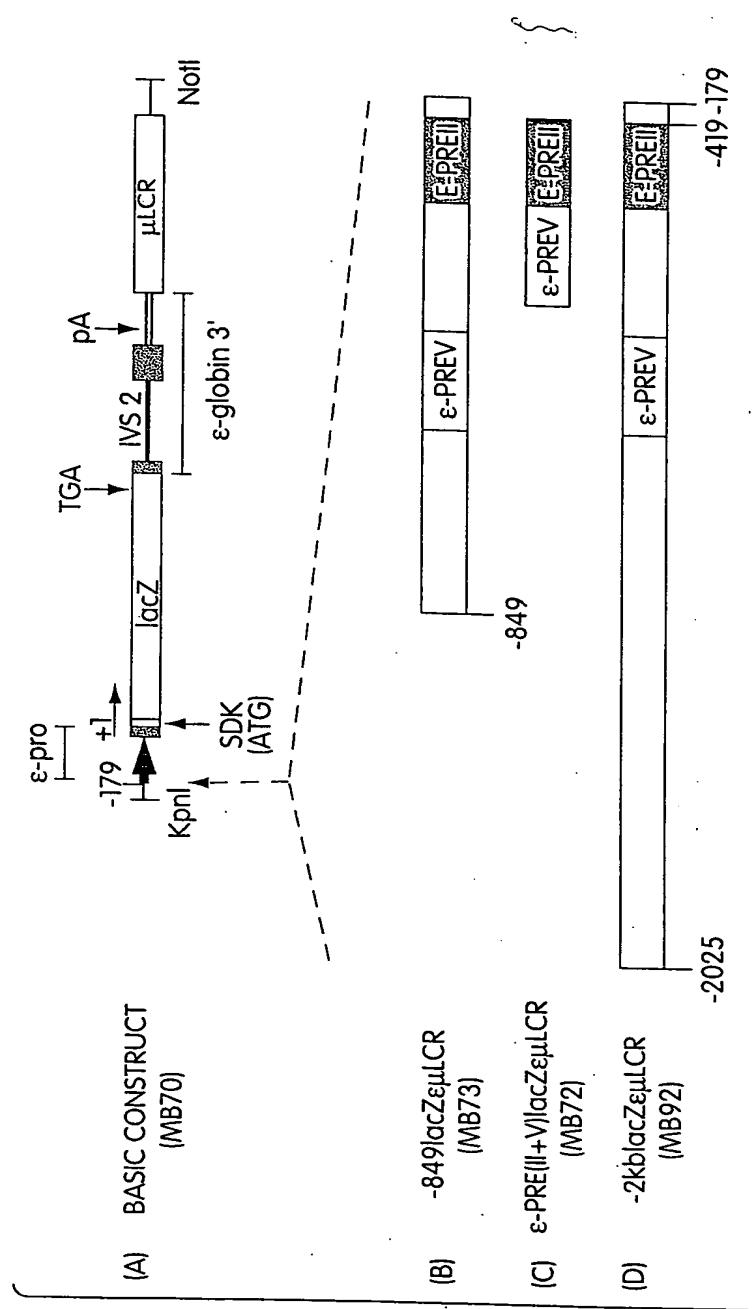
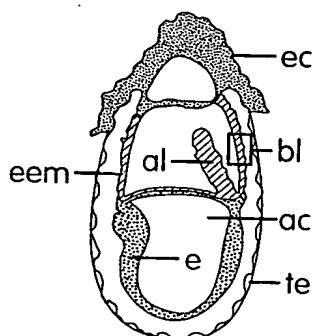


Fig. 1



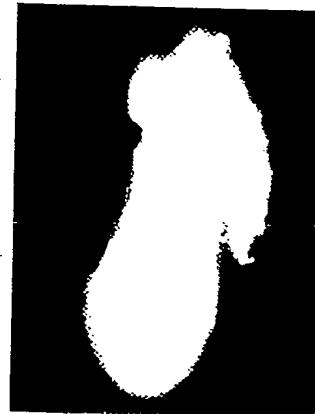
7.5 DAYS pc  
BLOOD ISLANDS

Fig. 2A



7.5 DAYS pc  
BLOOD ISLANDS

Fig. 2B



7.5 DAYS pc  
BLOOD ISLANDS

Fig. 2C



8.5 DAYS pc  
VASCULAR CHANNELS

Fig. 2D



8.5 DAYS pc  
VASCULAR CHANNELS

Fig. 2E



12.5 DAYS pc  
VITELLINE CIRCULATION

Fig. 2F

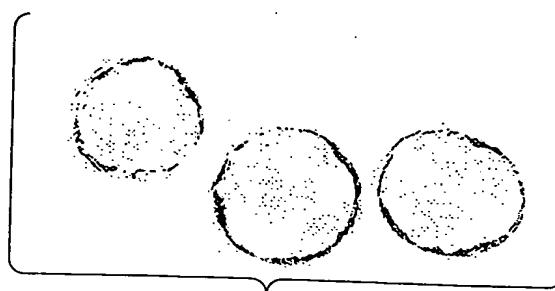


Fig. 3A



Fig. 3B

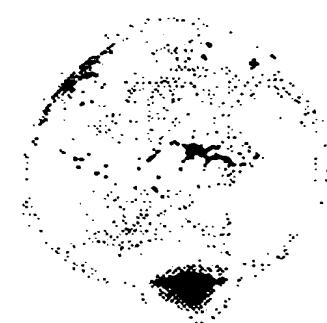


Fig. 3C



Fig. 3D

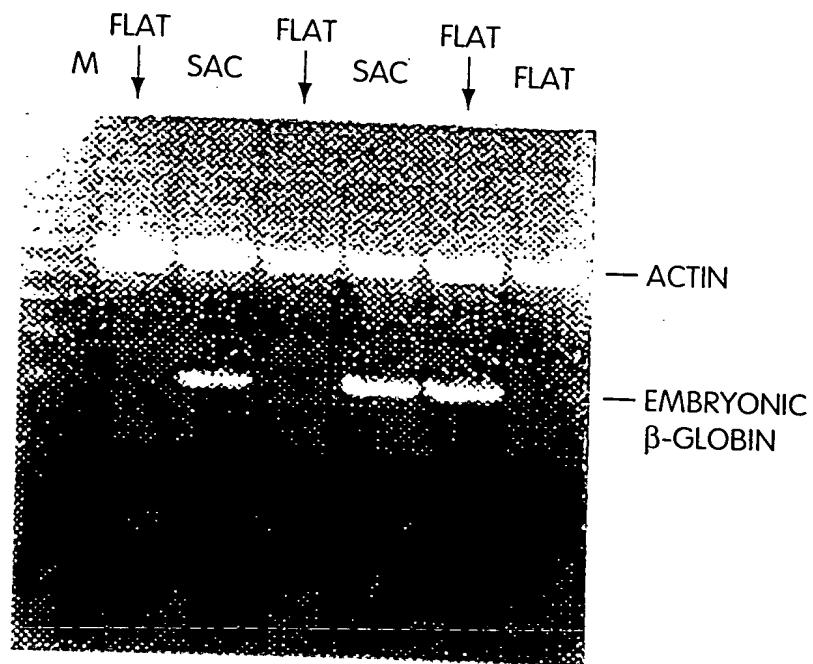


Fig. 4

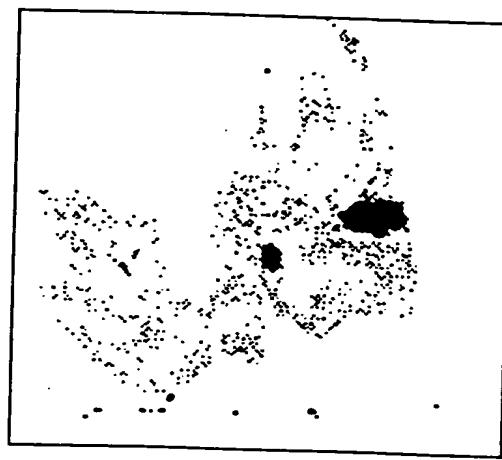


Fig. 5

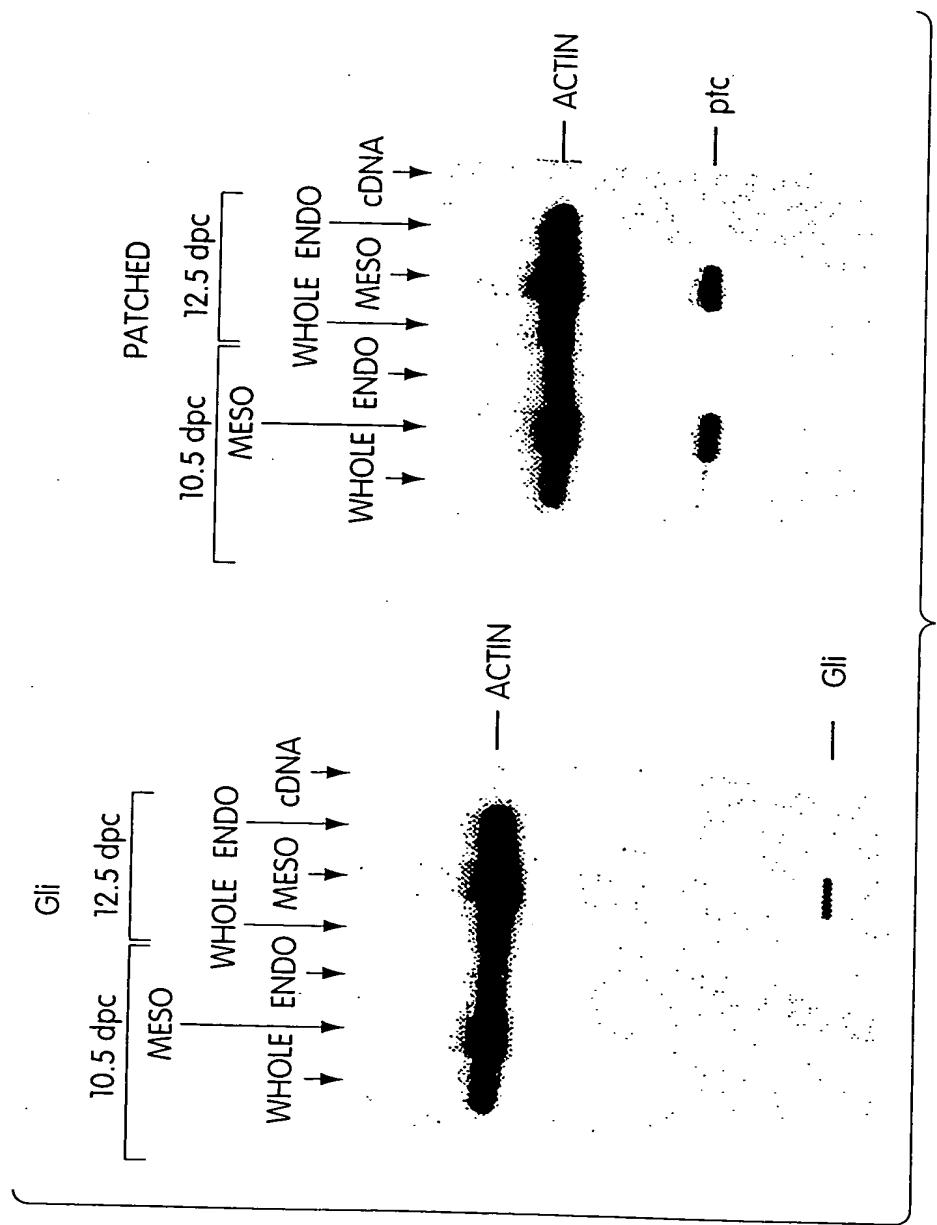
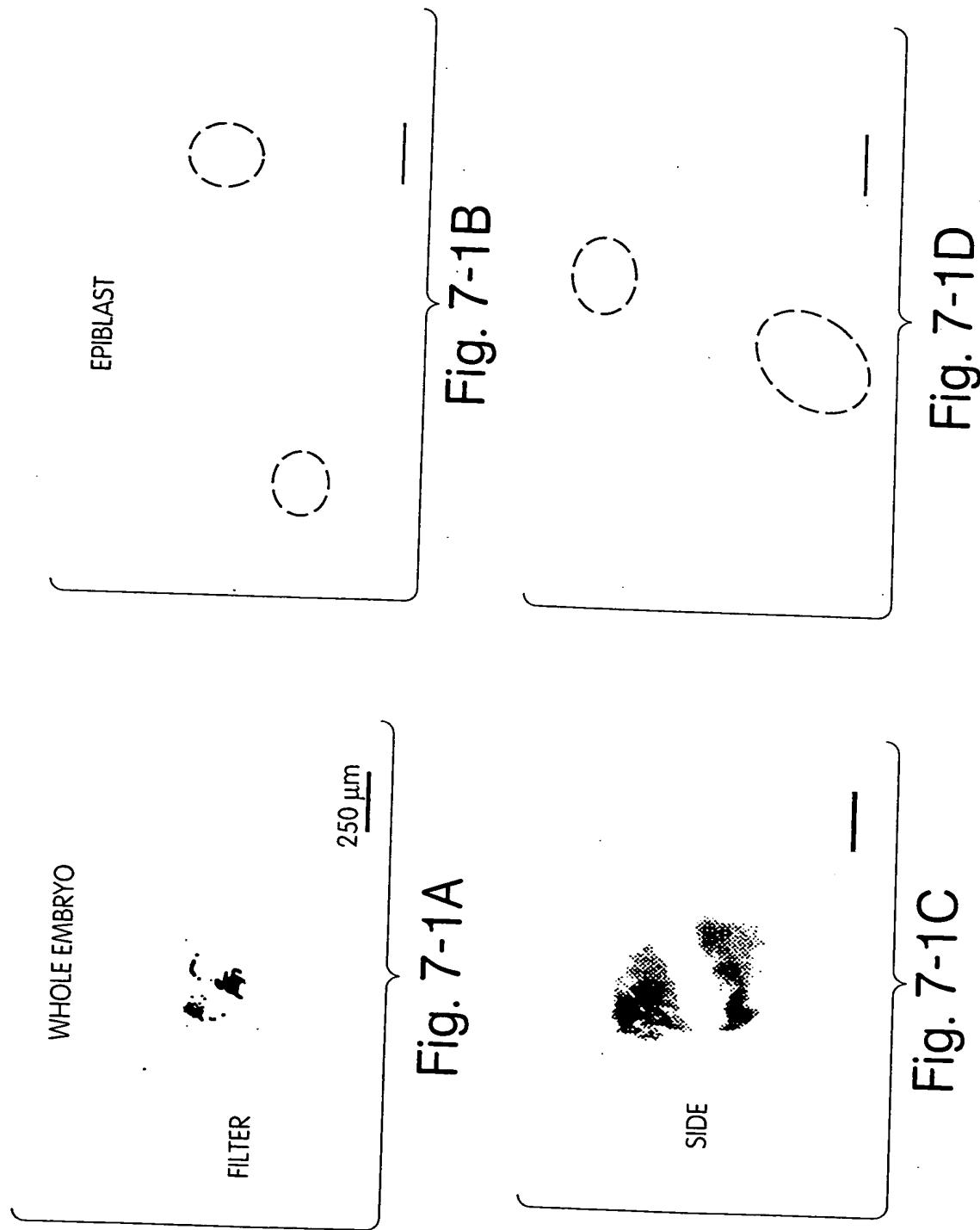


Fig. 6

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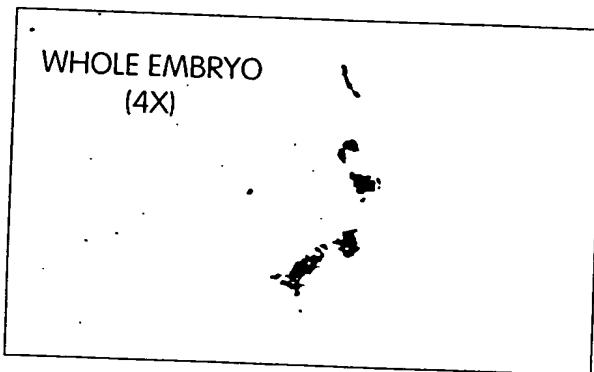


Fig. 7-2A

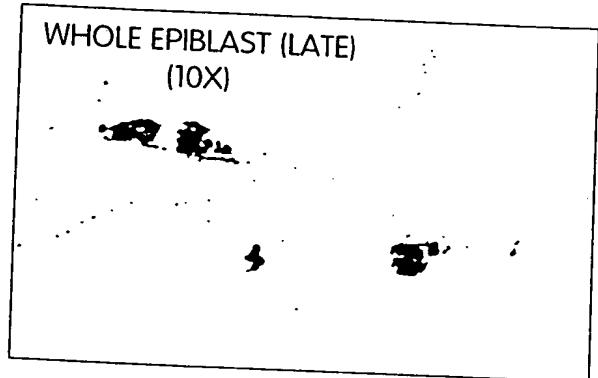


Fig. 7-2B

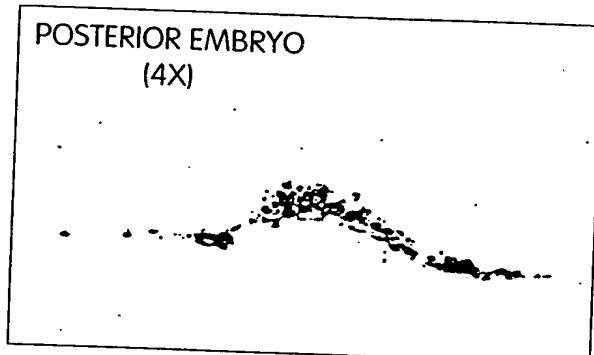


Fig. 7-2C

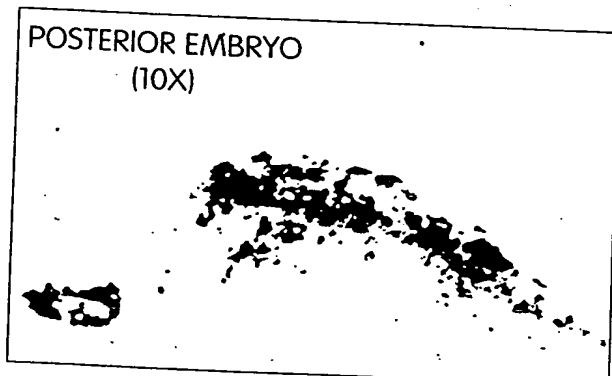


Fig. 7-2D

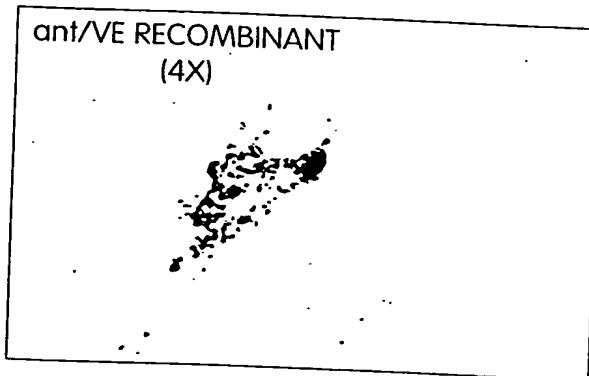


Fig. 7-2E

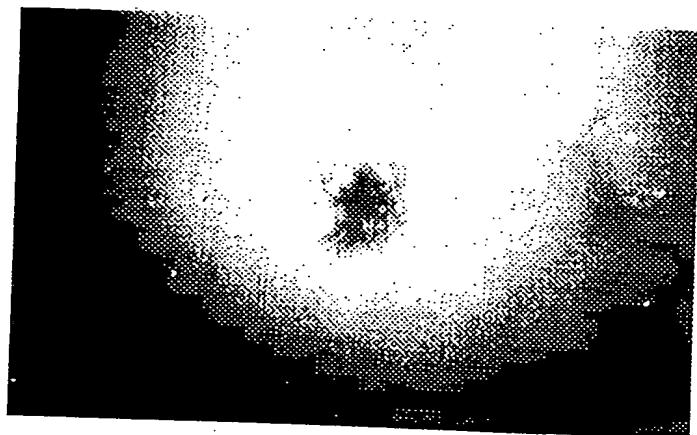


Fig. 8-1A

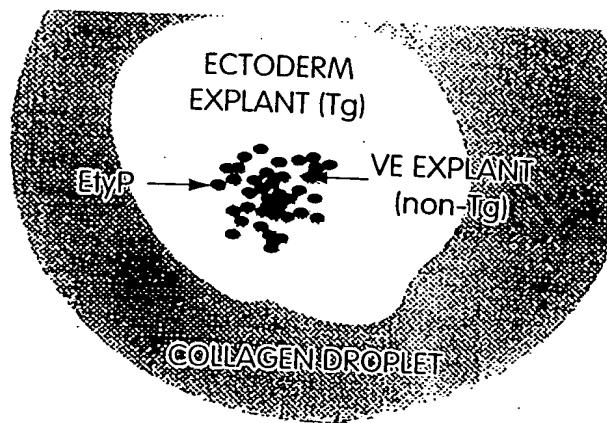


Fig. 8-1B

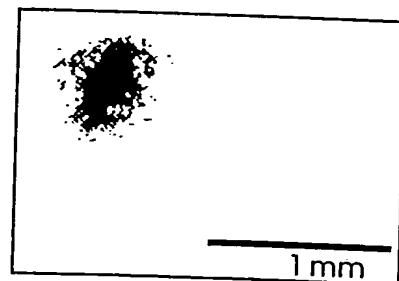


Fig. 8-1C

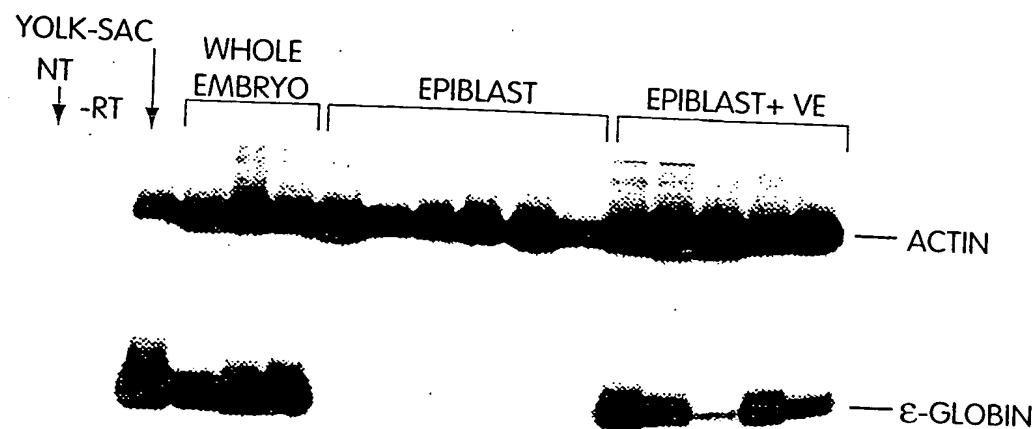


Fig. 8-2

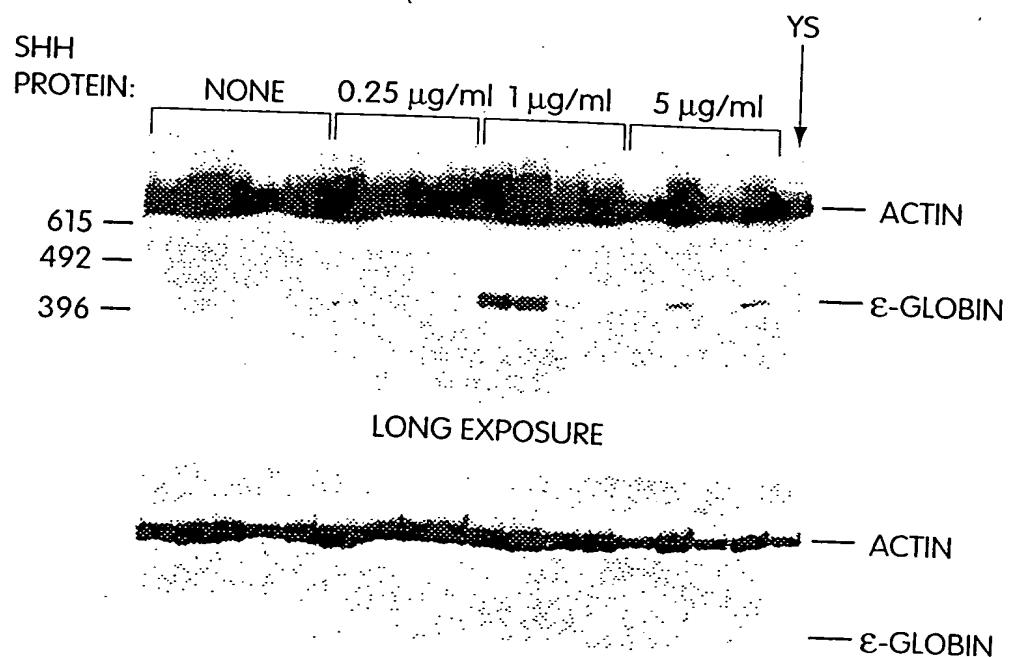


Fig. 9

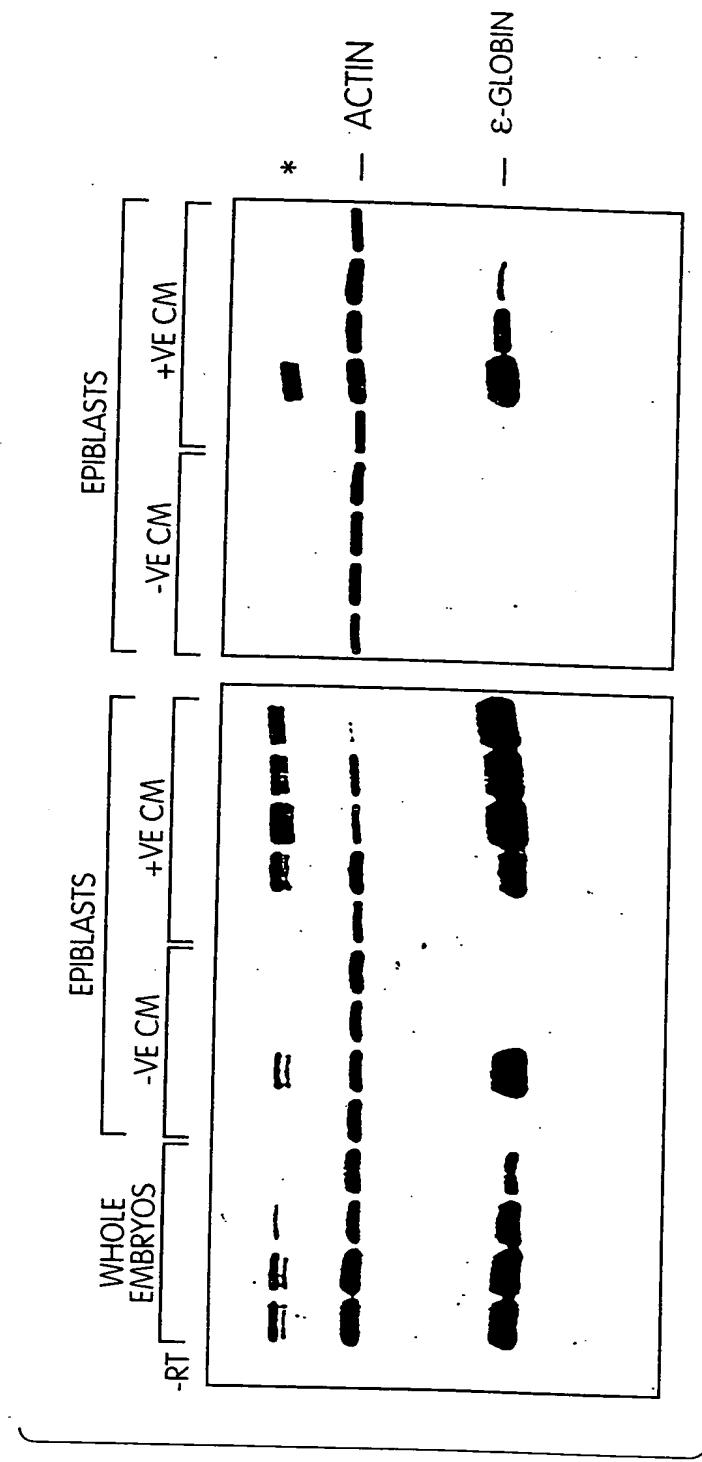


Fig. 10

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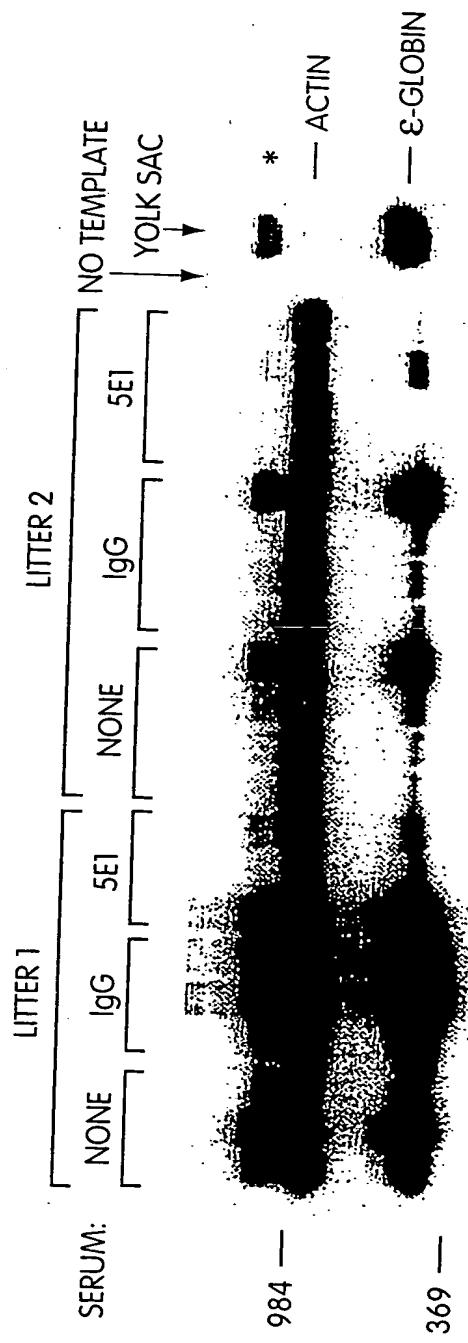


Fig. 11

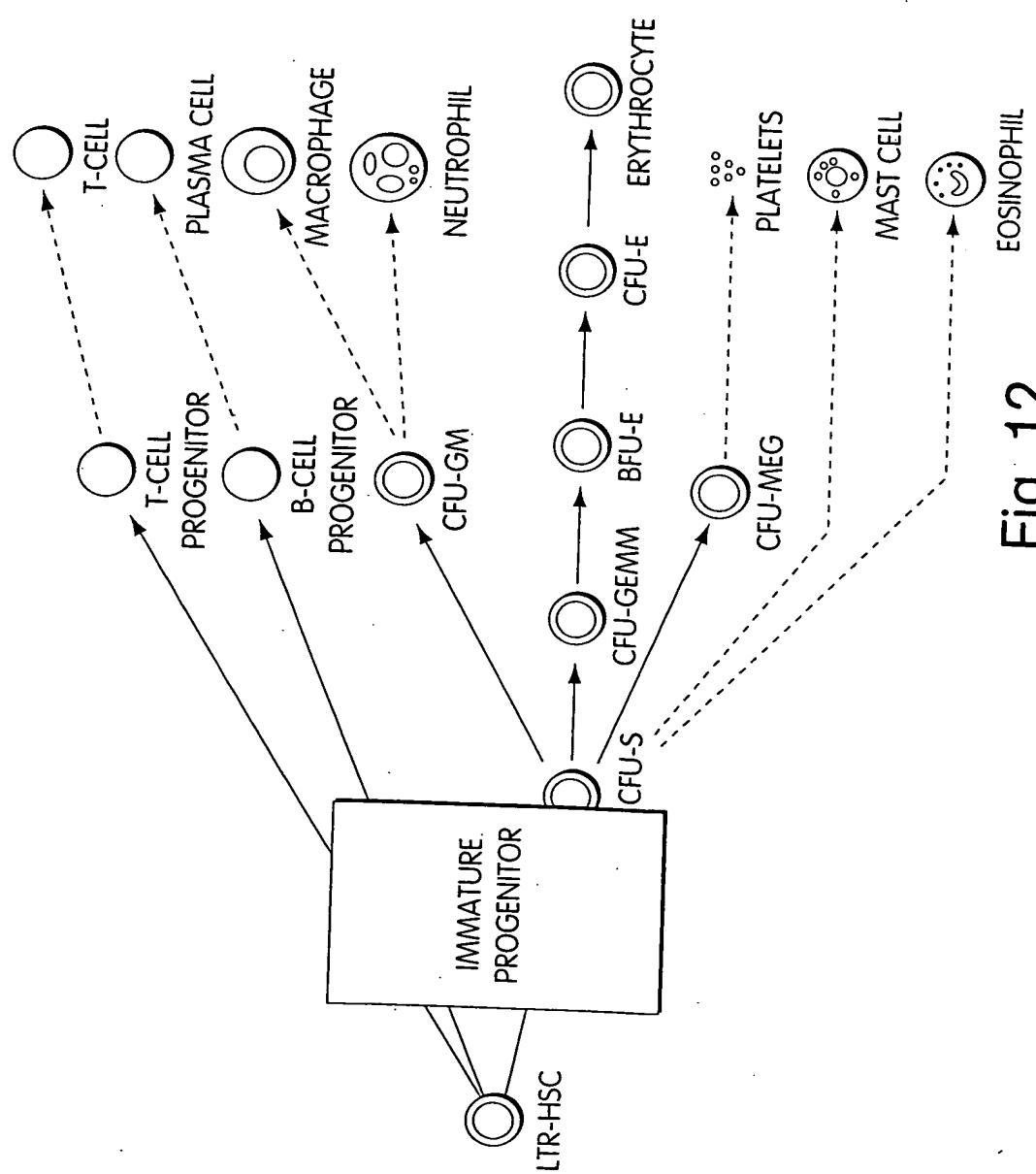


Fig. 12

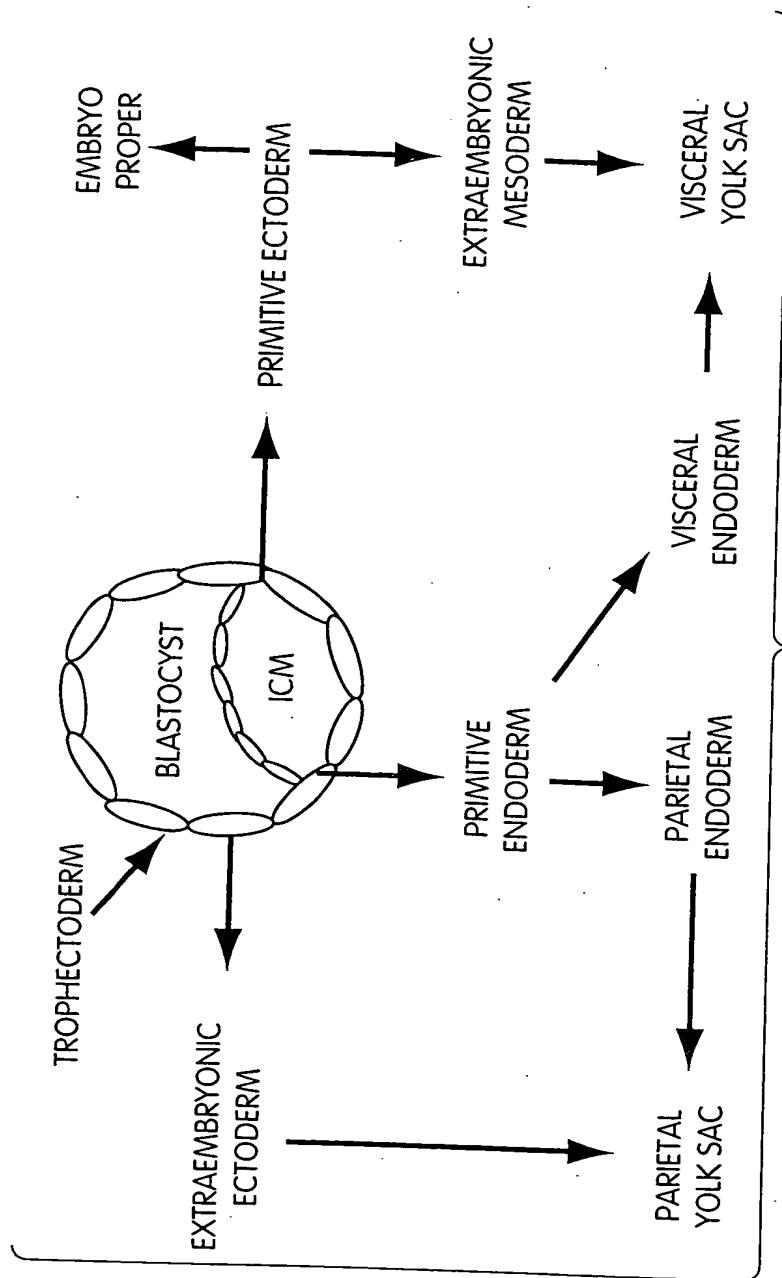


Fig. 13

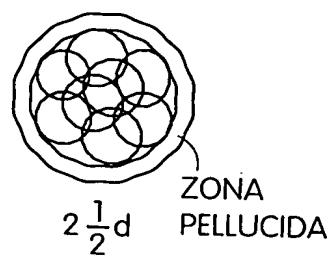


Fig. 14A

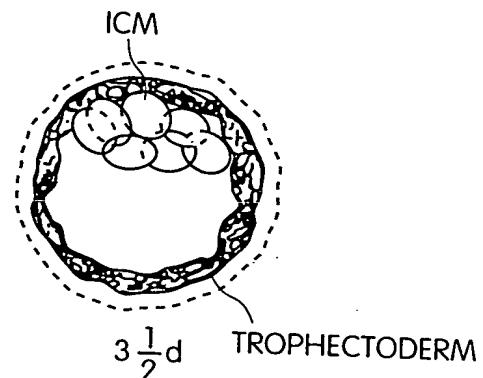


Fig. 14B

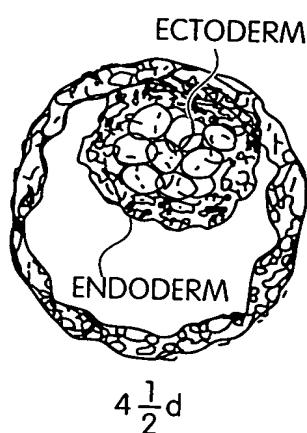


Fig. 14C

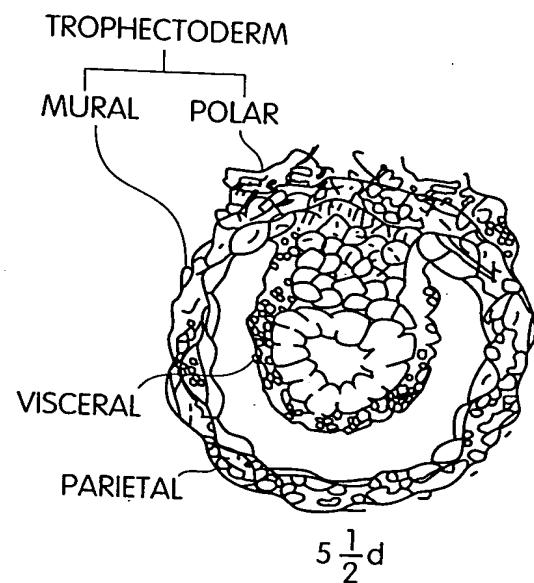
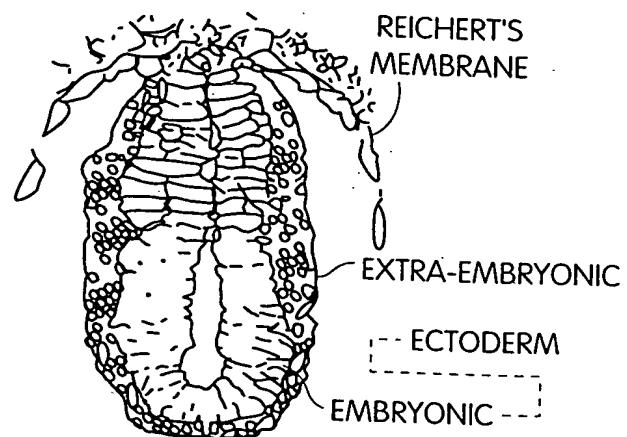
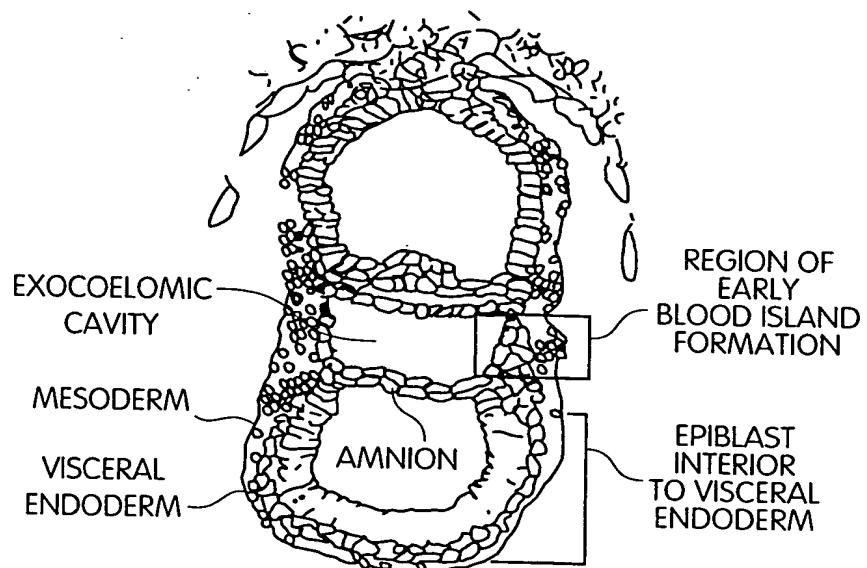


Fig. 14D



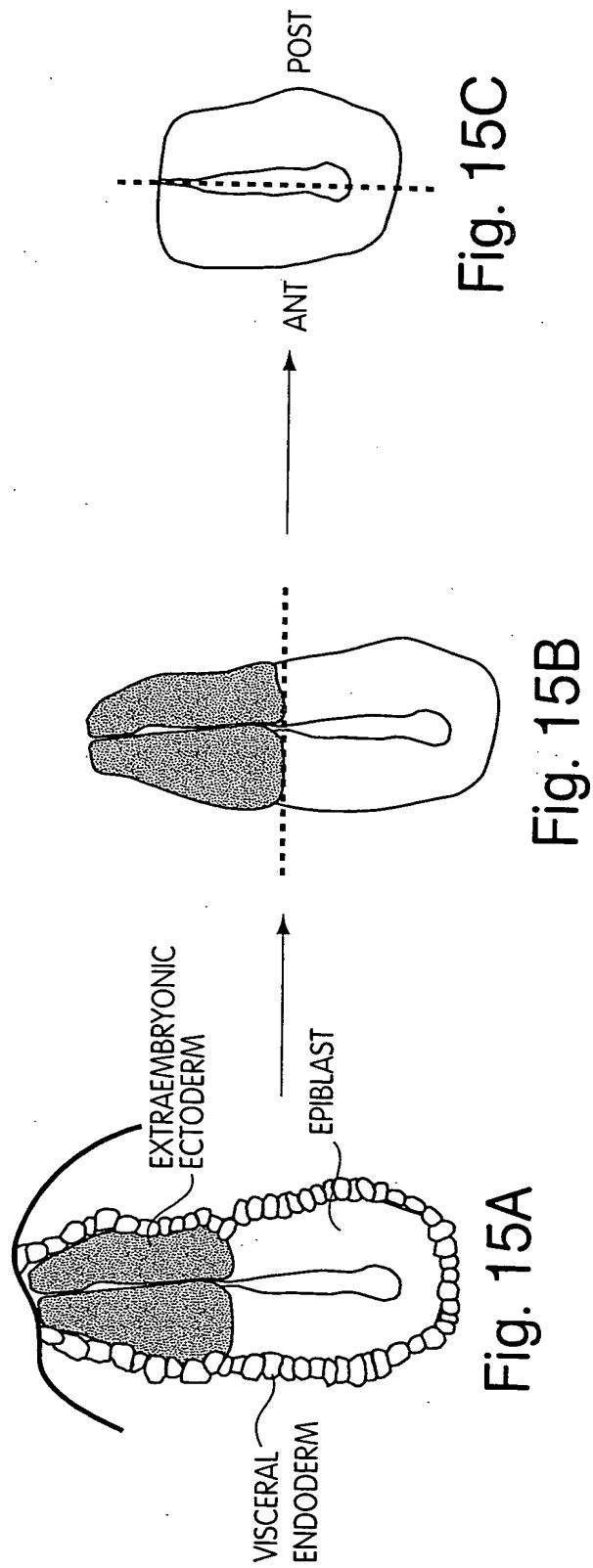
$6\frac{1}{2}d$

Fig. 14E



$7\frac{1}{2}d$

Fig. 14F



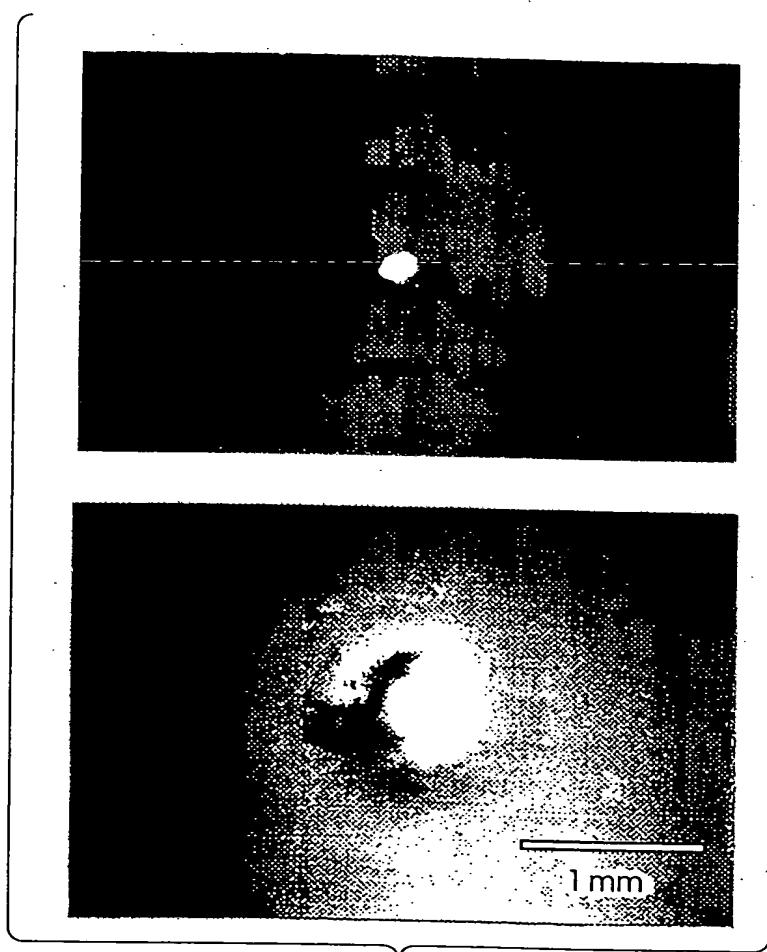


Fig. 16-1

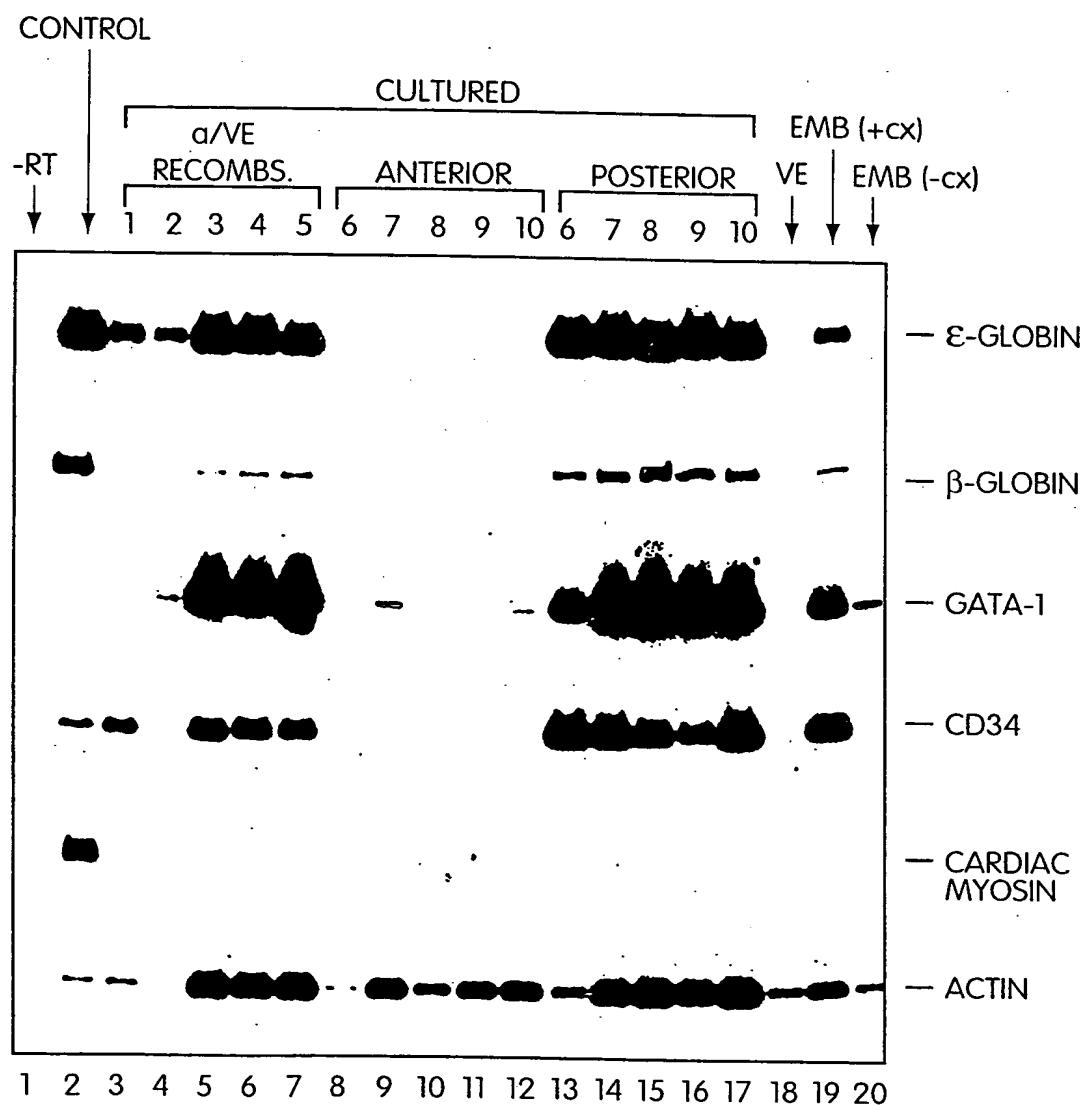


Fig. 16-2

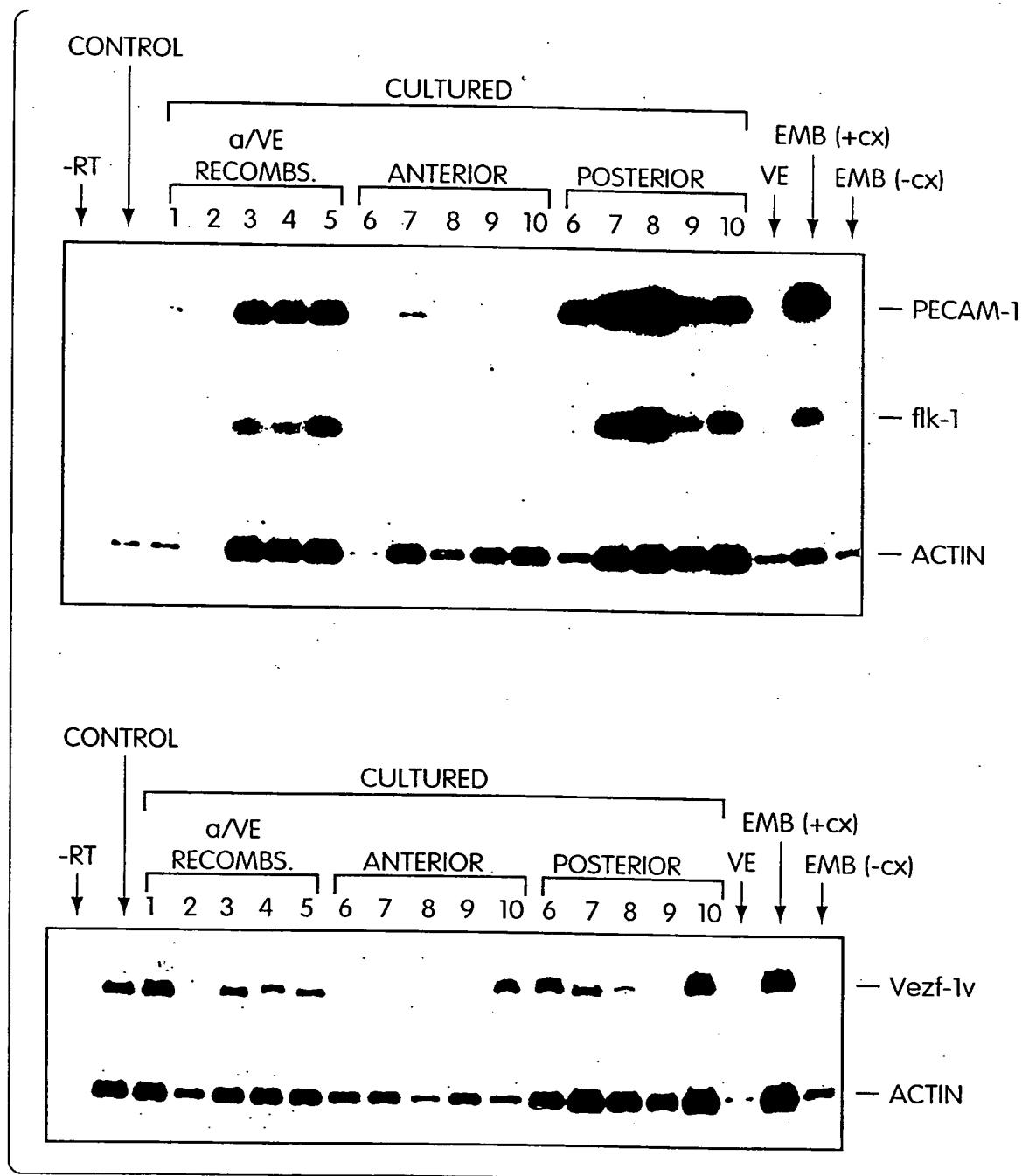


Fig. 16-3

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RESCUE OF NULL MUTANT PHENOTYPE BY BMP-4

	# CONTAINING HEMOGLOBIN	TOTAL # EBs	PERCENT HEMOGLOBINIZED
WT PARENTAL	225	260	86.5
MUTANT (- BMP-4)	2	50	4.0
MUTANT (+ BMP-4)	42	72	58.5

A

wt

B

mut (-BMP-4)

C

wt

D

mut (+BMP-4)

Fig. 17